



B O R O U G H   O F   C O W B R I D G E

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A N N U A L   R E P O R T   O F

T H E   M E D I C A L   O F F I C E R   O F   H E A L T H   -   1 9 5 0





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BOROUGH OF COWBRIDGE

ANNUAL REPORT OF

THE MEDICAL OFFICER OF HEALTH - 1950

August 1951.

To the Mayor Aldermen Councillors  
Cowbridge Borough Council

The Welsh Board of Health have requested the Council to direct that the Medical Officer of Health's Annual Report for 1950 be prepared in accordance with Circular 2/50 (Wales). I beg therefore to submit to you my report on the lines indicated.

Dr. David J Evans, who had been your Medical Officer of Health for many years, terminated his appointment at the end of May and I took up my duties with you from the 1st June and so whilst the report covers a period of twelve months I have held my appointment for seven months.

The general standard of health in the Borough has been very satisfactory and there has not been any serious infectious diseases. The population as given by the Registrar General for mid 1950 was 1090. The number of infants born during the year was 11 and the deaths of infants under one year was nil.

During the year a scheme for the sewerage of the Borough in association with the Cowbridge Rural District has been prepared and submitted for approval to the Welsh Board of Health. This scheme has now been sanctioned. When this scheme is completed it should be of the greatest benefit to the inhabitants of the town and will, in future, relieve the risks which might arise to health from an unsatisfactory sewerage system which in some years past gave rise to serious outbreaks of infectious diseases.

Another improvement which was carried out during the year by the Glamorgan County Council involved the remaking of the main road through the Borough also getting rid of the deep gutters which separated the road from the pavement.

The Councils housing scheme has progressed during the year so that at December there were 4 additional properties completed and occupied. In addition to which two licences had been issued for the building of houses for private individuals.

There are several houses in the Town which are sub-standard and fall below the present day standard, but at the present time, owing to difficulties in re-housing, no action is contemplated.

Tuberculosis

There are only five cases of the disease in the Borough, three of the Pulmonary type and two non-pulmonary. One patient was notified as having recovered during the year. There were no deaths.

I wish to thank the Mayor, Aldermen, Councillors and officers of the Council for their co-operation during the period of the year I acted as Medical Officer.

I am Ladies and Gentlemen,

G. McKIM THOMAS,  
Medical Officer of Health.

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SECTION "A"

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (In acres) ... ..	84
Number of inhabited houses according to the rate book..	305
Sum represented by the penny rate ... ..	£26.7.5.
Rateable value of the district. ... ..	6329
Population (Registrar General's estimate)..	1090

EXTRACTS FROM VITAL STATISTICS OF THE YEAR

Live Births

Births registered - 1950

	Male	Female	Total
Legitimate live births ... ..	5	5	10
Illegitimate live births..	1	-	1
Totals	6	5	11

Still Births

	Male	Female	Total
Legitimate still births	Nil	Nil	Nil
Illegitimate still births	Nil	Nil	Nil
Totals	Nil	Nil	Nil

Birth Rate Per 1,000 Population

Crude Birth Rate Cowbridge Borough	10.09
Birth rate for England and Wales	15.8
Birth rate for Administrative County of Glamorgan	16.15
Birth rate for urban area in the Administrative County	16.51.

Infant Mortality

Number of deaths under 1 year of age	Nil
Infant mortality rate for Cowbridge per 1,000 births	Nil
Infant mortality for England and Wales	29.8
Infant Mortaility for Administrative County of Glamorgan	39.18
Infant mortailty for Urban Areas in Glamorgan.	40.47

Death rate per 1,000 population

Crude death rate for Cowbridge Borough	15.60
Death rate for England and Wales	11.6
Death rate for Administrative County of Glamorgan	12.79
Death rate for Urban Areas in Glamorgan	13.09

DATE OF BIRTH: 01/01/1940

[illegible]

THE UNIVERSITY OF CHICAGO

2021 - 2022

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

Figure 1 shows a schematic diagram of a 2D hexagonal lattice. The lattice is composed of black dots representing atoms. A central atom is labeled '1'. Its six nearest neighbors are labeled '2' through '7'. The lattice is divided into two regions by a vertical dashed line. The left region is labeled 'A' and the right region is labeled 'B'. The atoms in region A are labeled 'A1' through 'A6' and the atoms in region B are labeled 'B1' through 'B6'. The atoms are arranged in a hexagonal pattern, with each atom having six nearest neighbors. The lattice is shown in a perspective view, with the atoms appearing to recede into the distance.

*J. exp. Biol.* 1978, **68**, 1-10



Causes of Deaths 1950

Disease	Male	Female	Total
Heart diseases	4	1	5
Other diseases of the circulatory system	1	1	2
Cancer	3	1	4
Vascular lesions of the nervous system	1	1	2
Pneumonia	-	1	1
Bronchitis	1	-	1
Motor Vehicle Accidents	1	-	1
Other causes	1	-	1
Total:	12	5	17

SECTION "B"

GENERAL PROVISION OF HEALTH SERVICES  
WITHIN THE BOROUGH

(a) Medical Officer of Health

David J. Evans M.R.C.S. (Eng) L.R.C.P. (Lond) (Part Time)  
To 31st May 1951.

G. McKim Thomas M.R.C.S., L.R.C.P., L.D.S., D.P.H. Medical Officer  
of Health (Part Time- holds appointments with Cardiff and Cowbridge  
Rural District Councils)  
From 1st June 1951.

(b) Sanitary Inspector.

Hubert Thomas M.R. San I., H.S.I.A. Sanitary Inspector.  
(Part time hold appointment with Cowbridge R.D.C.)  
Certificate of Royal Sanitary Institute and Sanitary  
Inspectors Examination Joint Board, Meat and Food Inspectors  
Certificate of the Royal Sanitary Institute.

Ambulance Facilities

All ambulance services, including the removal of infectious  
patients, are carried out by the Glamorgan County Council as  
the local health authority operating the National Health Services  
Act 1947. One ambulance is stationed at the Town Hall, Cowbridge.

Hospitals

There are no hospitals or nursing homes within the area. All  
hospitals are now administered by the Regional Hospital Board.  
Infectious cases are usually admitted to the Isolation Hospital  
at Cefn Hirgoed although under regionalisation specific cases  
may be admitted to other more convenient hospitals.

Medical and Surgical cases are admitted to any of the Boards  
Hospitals in the area.

Maternity cases usually enter Bridgend Hospital,

Laboratory Facilities

All pathological specimens are examined at the Ministry of Health's  
Public Health Laboratory at Cardiff and chemical analyses are  
carried out by the Cardiff and County Public Health Laboratory.

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PREVELENCE OF AND CONTROL OVER,  
INFECTIOUS AND OTHER DISEASES.

One case of Scarlet Fever was notified during the year. No other infectious diseases were reported.

Tuberculosis

No new cases were reported during the year. One patient recovered from the disease. There were no deaths.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply

The Borough Council is a constituent member of the Mid-Glamorgan Water Board and their mains are available throughout the area. With one exception all houses in the borough are connected to the Public Mains. The supply is of a high bacterial quality but is very hard. It is therefore not subject to plumbo solvent action.

Swimming Baths and Pools

The open air swimming pool on the outskirts of the Borough was not used to any great extent during the year.

SCHOOLS

The only schools in the area are the Cowbridge Grammar School and the Pontfaen Elementary School.

Cowbridge Grammar School

The drainage arrangements of the Sanitary fittings of the Grammar School are not all satisfactory. One drain in particular discharges almost crude sewage into the river.

The Education Authority has had under consideration the question of providing a temporary sewage disposal plant, but no progress was made during the year.

Pontfaen School

Strong representations were made to the Education Authority during the year for the conversion of the earth closets at the school to water closets. A promise was made that this requirement would be included in next year's estimate. Earth closets in a school of this size are particularly objectionable and might lead to outbreak of disease particularly in the summer months. In addition it is most essential that infants should have water closets during their impressionable years.

HOUSING

(a) New Council Houses. The Council are now developing a housing estate at the Lines. Provision is made for 36 houses. Sixteen have already been completed.

The progress made during the year is set out below:-

Houses completed during 1950	4
Houses authorised and commenced 1950	18
Houses erected and occupied by the Council since 1948.	28

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(b) Demolition of individual unfit houses There were no demolitions of individual unfit houses in the Borough during the year. Tenants of two houses previously closed under Section 12 of the Housing Act 1936 were re-housed during the year.

(c) Private Enterprise One private house was completed and occupied during the year and one bungalow was in the course of construction.

(d) Selection of tenants The simplified points system was again adopted by the Council for the selection of tenants.

(e) Plans The following plans were submitted for approval under the building byelaws.

New houses or conversion of building into house	1
Additional or alterations to houses or business premises	1
Drainage work	2
Total	4

#### FACTORIES ACT 1937

The Statutory report on the action taken in connection with the Factories is set out below.

Premises	No on register	Inspections	Notices
Factories in which Sections 1,2,3,4 and 6 are enforced by the Council	3	5	Nil
Factories not included in (1) which S.7 is enforced by the Council	7	12	Nil

#### PUBLIC CLEANSING

##### (a) Refuse collection and disposal

Until the 30th September 1950 house refuse was collected twice weekly under a private contract with a local haulage contractor. From the 1st October 1950 the work was carried out by arrangement with the Rural District Council. A modern refuse freighter is engaged on this work with once weekly collections for dwelling houses and twice weekly collections from canteens and hotels. The refuse is disposed of on the Rural District Councils Site at Llannihangel some three miles from the Borough.

A scheme for the municipal authority to purchase a supply of dustbins for householders as a general rate charge was put forward but not accepted by the Council.

(b) Cesspool emptying The Borough Council has an arrangement for the use of the Rural District Council's cesspool emptier to be used by residents within the Borough. The charge is recovered from the occupier concerned.

(c) Street Cleansings The scavenging of the streets in the Borough is carried out by the Borough Roadman.

#### SHOPS

No action was taken under this heading.

#### SMOKE ABATEMENT

There is no serious atmospheric pollution in the Borough.





## DRAINAGE AND SEWERAGE

The Welsh Board of Health held an enquiry into the proposal to provide a joint sewer for the Borough of Cowbridge, Llanblethain and Aberthyn in the Rural District of Cowbridge. An enquiry was held in the Town Hall on the 21st April 1950 by Mr. A. R. Fyfe M.I.C.E. Engineering Inspector of the Welsh Board of Health. The Borough of Cowbridge was able to submit a very strong case for the sewerage scheme in their area. The evidence submitted by the Borough Officers pointed out the existing insanitary drainage in the Town and the heavy pollution of the river due to the discharge of untreated sewage. Evidence was also submitted of the hardships of the residents of the Town due to the lack of a public sewer. The Inspector toured the area and examined the points where the Old Borough Sewer discharges into the river.

On the 16th October 1950 the Welsh Board of Health intimated to the Borough Council that they approved this scheme but some further details would be required before the scheme could proceed to tender.

### (a) Existing System

There has been no alteration in the drain arrangements in the Town during the year and the insanitary conditions referred to in the enquiry still exist.

The Glamorgan County Council as the Highway Authority resurfaced and drained the trunk road from the traffic lights on the eastern portion of the Town to the Bridge over the river Thaw. During the course of the work the County Authorities provided an underground drain under the street and connected the domestic slop water drainage which previously discharged into the old insanitary channel at the side of the highway. This work was a great improvement to the previous insanitary conditions but the fact remains that this slop water still discharges into the river without any form of treatment.

### (b) Sewage Works

The Borough Sewage Disposal Works constructed specially for the new housing site at the Lines Cowbridge is functioning fairly satisfactory.

Samples of effluent have been taken on several occasions.

## MILK

### (a) Samples of Milk for Bacteriological Examination

Designation	Satisfactory	Unsatisfactory	Total
Samples of Pasteurised Milk	6	-	6
Samples of Tuberculin Tested Milk	6	1	7
Samples of Ungraded Milk	4	-	4
Total	16	1	17

### (b) Samples of Milk for Tubercle Bacilli Examination

Samples of milk were taken for Tubercle Bacilli examination. There were no positive results.

### (c) Milk and Dairies Regulations 1949

Number of Distributors on Register	5
Number of Dairies Registered	Nil

### (d) Milk (Special Designations) Regulations

Number of Supplementary Licences issued authorising the use of Special Designations

(a) Pasteurised .....2      (b) Tuberculin Tested.....2





## OTHER FOODS

### Food and Drugs Act 1938 (Section 14)

Number of premises registered for manufacture and sale of sausages pressed, pickled and preserved foods	4
Number of premises registered for manufacture of ice-cream	2
Number of premises registered for sale of ice-cream	4

### Ice Cream

Four samples of ice-cream were taken during the year. Each result was provisionally classified in grade 1 and satisfactory.

### INSPECTION AND CONDEMNATION OF UNSOUND FOODS

The following unsound foods were inspected and condemned during the year. Disposal was arranged in accordance with the instructions of the Ministry of Food.

Class of Food	lbs.	ozs
Ham	7	12
Fresh Beef	83	0
Flour	15	0
Scone flour	40	8
Total	146 lbs.	4 Ozs.

### DOMESTIC PESTS

(a) Rodents The Council operate the Ministry of Agriculture's Scheme of rat destruction in the Borough. Private dwellings receive free service and business premises are charged for the service according to the time and materials spent on the work. Details of the work carried out under this heading are set out below.

#### Prevalence and Treatment of Rats and Mice

Type of property	Properties in area	No inspected	Minor Infestations of rats notified by owner	Treatments Carried Out
Local Authority premises	3	3	1	1
Dwelling houses	289	15	6	6
Business premises	51	1	1	1
Agricultural property	Nil	-	-	-
Total	343	19	8	8

### Bed Bugs

It was not found necessary to treat any properties for bed bugs during the year.

11/11/1911

RECEIVED

6. The first of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

7. The second of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

8. The third of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

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9. The fourth of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

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10. The fifth of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

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11. The sixth of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

12. The seventh of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

13. The eighth of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

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14. The ninth of the above mentioned items is a copy of the report of the committee on the subject of the proposed amendment to the constitution of the American Medical Association, dated June 1, 1911.

Summary of Inspections carried out by  
the Sanitary Inspector 1950

	Inspections	Preliminary Notices	Statutory Notices
Sewers and Sewage Disposal Works	31		
Drainage	91		
Meat and Foods	21		
Milk and Dairies	37		
Housing	56	2	
Public Health Act	97	2	1
Infectious Disease	1		
Disinfections	3		
Factories and Workshops	17		
House refuse	52		
Water Supplies	4		
Works in progress	3		
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Totals	413	4	1
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